

APRIL/MAY 2024

CBC61 — CLINICAL BIOCHEMISTRY

Time : Three hours

Maximum : 75 marks



SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define renal threshold value of glucose.
2. What is meant by hyperglycemia?
3. What is called as fatty liver?
4. List the symptoms of alkaptonuria.
5. What is cirrhosis?
6. Name the different types of Vandenberg test.
7. What is known as PAH test?
8. List the symptoms of UTI.
9. How do interpret the tubeless gastric analysis?
10. What is called as FTM?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Outline the causes, symptoms and treatment of galactosemia.

Or

- (b) Explain the oral GTT in normal and diabetic condition.

12. (a) List the clinical manifestations of cystinuria.

Or

- (b) Elaborate the etiology and clinical symptoms of atherosclerosis.

13. (a) Identify the causes, clinical manifestations and diagnosis of obstructive jaundice.

Or

- (b) Explain the causes and symptoms of acute and chronic hepatitis.

14. (a) Discuss the symptoms and treatment of nephritic syndrome.

Or

- (b) Outline the causes, clinical manifestations and treatment of glomerulonephritis.

15. (a) Interpret the enzyme pattern in myocardial infarction.

Or

- (b) Explain about the collection of Gastric contents.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Elaborate the types and the complications of diabetes mellitus.

17. List the clinical manifestations of tyrosinemia.

18. Illustrate the causes, symptoms and treatment of acute and chronic hepatitis.

19. Discuss the creatinine clearance test.

20. Explain the procedure of collection of gastric contents.